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May 30, 2002

By Michelle Chan
Michelle Chan



PATENT
100/13010
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JUN 06 2002
TC 1700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

RING-LING CHIEN et al.

Application No.: 10/076,136

Filed: February 14, 2002

For: MICROFLUIDIC SYSTEMS WITH
ENHANCED DETECTION SYSTEMS

Examiner: Unknown

Art Unit: Unknown

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97
AND 1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. A copy of each reference is enclosed.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR § 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is made that a search has been conducted or that this statement encompasses all possible relevant information.

RING-LING CHIEN et al.
Serial No. 10/076,136
Page 2



Applicants believe that no fee is required for submission of this statement, since it is being submitted within three months of the filing date or prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to charge such fee to Deposit Account No. 03-0177. Please charge any additional fees or credit any overpayment to the above-noted deposit account.

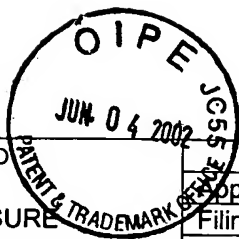
Respectfully submitted,

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Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	10/076,136
	Filing Date	February 14, 2002
	First Named Inventor	Chien
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	100/13010

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.	U.S. Patent Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
	AA	4,390,403		Batchelder	06-28-1983	
	AB	4,908,112		Pace	03-13-1990	
	AC	5,126,022		Soane et al.	06-30-1992	
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(Modified) PTO/SB/08A-B (10-96)
Approved for use through 10/31/99. OMB 0651-0031

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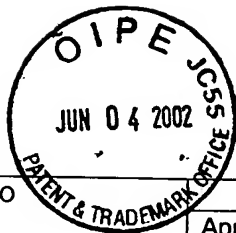
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		Office	Number	Kind Code (if known)				
	BJ	WO	9604547		Lockheed Martin	02-15-1996		
	BK	WO	9702357		Affymetrix, Inc.	01-23-1997		
	BL							

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	BM	COHEN, C.B. et al., "A Microchip-Based Enzyme Assay for Protein Kinase A," <u>Anal. Chem.</u> (1999) 273:89-97	
	BN	DARIDON, A. et al., "Chemical sensing using an integrated microfluidic system based on the Berthelot reaction," <u>Sensors and Actuators</u> (2001) B76:235-243	
	BO	DASGUPTA, P.K. et al., "Electroosmosis: A Reliable Fluid Propulsion System for Flow Injection Analysis," <u>Anal. Chem.</u> (1994) 66:1792-1798	
	BP	DENNINGER, M. et al., "Absorbance Detection in Microsystems: Microcuvette & Waveguide Approach," <u>Euroensors XIV</u> (8/2000) Denmark 825-827	
	BQ	JACOBSON, S.C. et al., "Fused Quartz Substrates for Microchip Electrophoresis," <u>Anal. Chem.</u> (1995) 67:2059-2063	
	BR	LIANG, Z. et al., "Microfabrication of a planar absorbance and fluorescence cell for integrated capillary electrophoresis devices," <u>Anal. Chem.</u> (1996) 68:1040-1046	
	BS	MANZ, A. et al., "Electroosmotic pumping and electrophoretic separations for miniaturized chemical analysis systems," <u>J. Micromech. Microeng.</u> (1994) 4:257-265	

Examiner Signature		Date Considered	
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BT	RAMSEY, J.M. et al., "Microfabricated chemical measurement systems," <u>Nature Med.</u> (1995) 1:1093-1096	
BU	SUNDBERG, S., "High-throughput and ultra-high-throughput screening: solution- and cell-based approaches," <u>Current Opinions in Biotechnology</u> (2000) 11/47-53	
BV	SEILER, K. et al., "Planar Glass Chips for Capillary Electrophoresis: Repetitive Sample Injection, Quantitation, and Separation Efficiency," <u>Anal. Chem.</u> (1993) 65:1481-1488	
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BX		

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